

FIG. 1

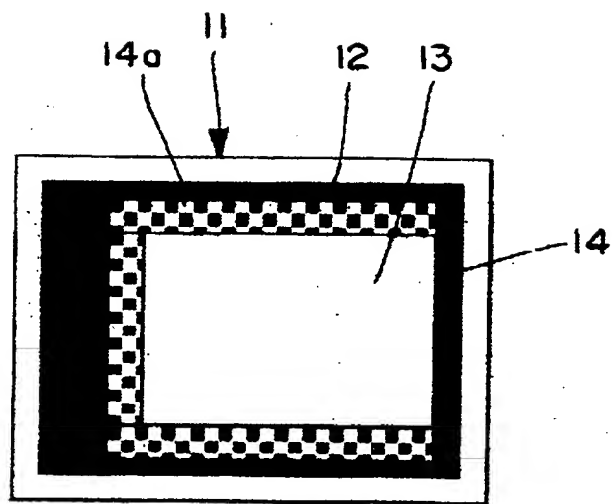


FIG. 2a

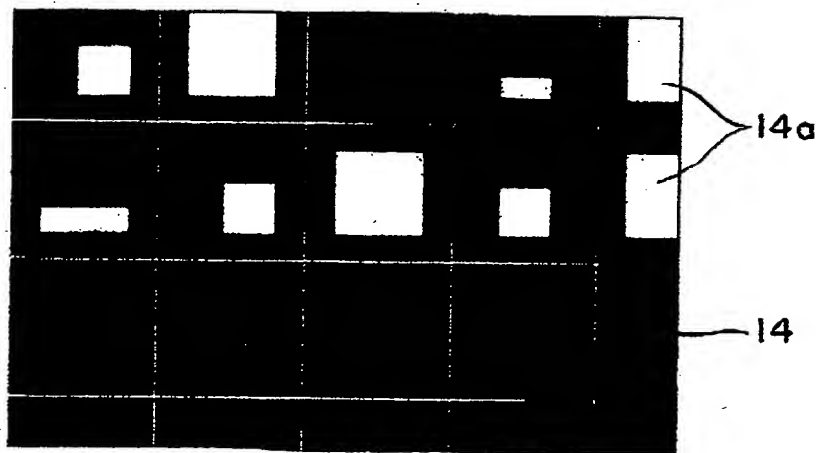


FIG. 2b

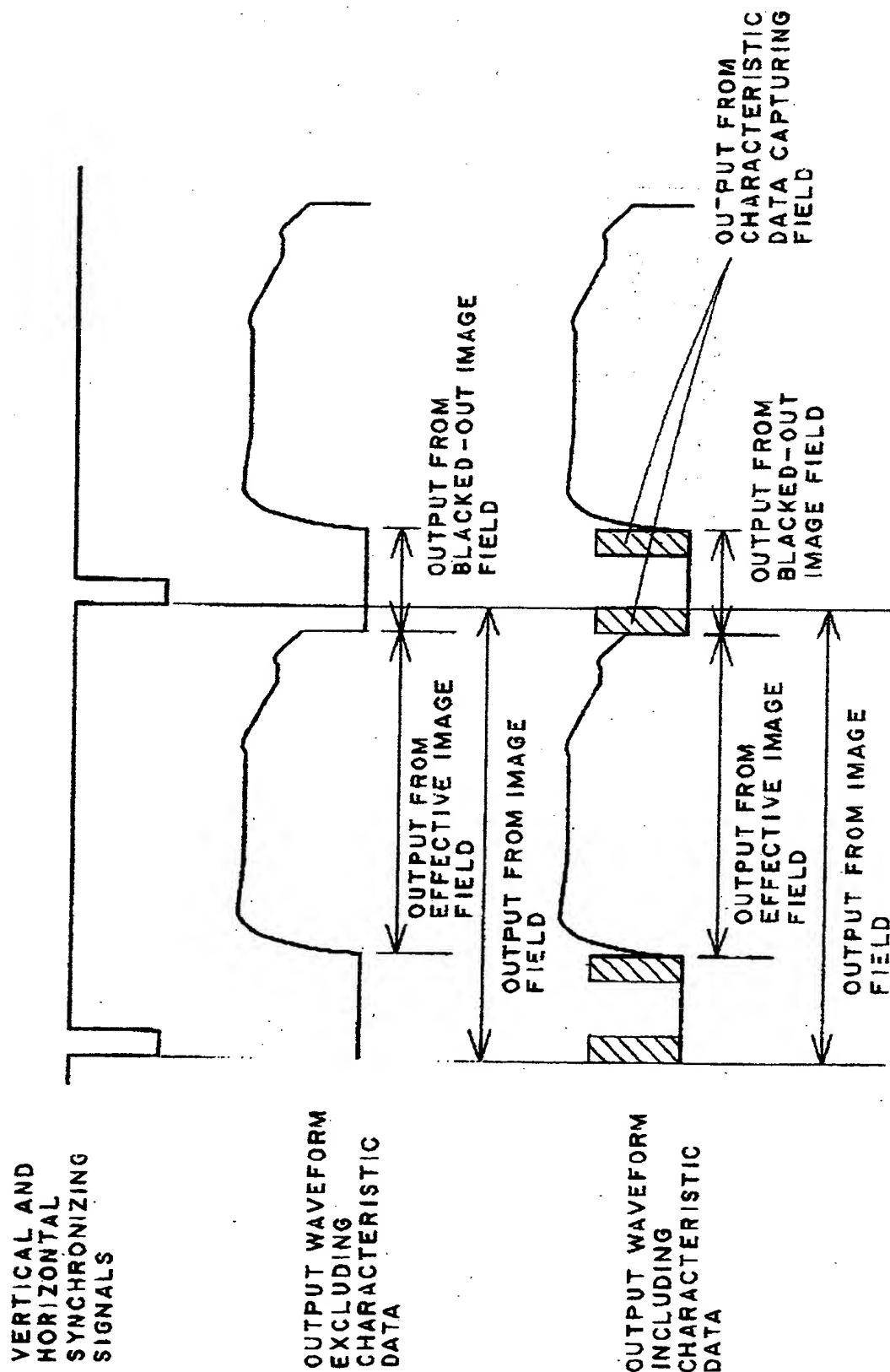


FIG. 3

00446700 00000000

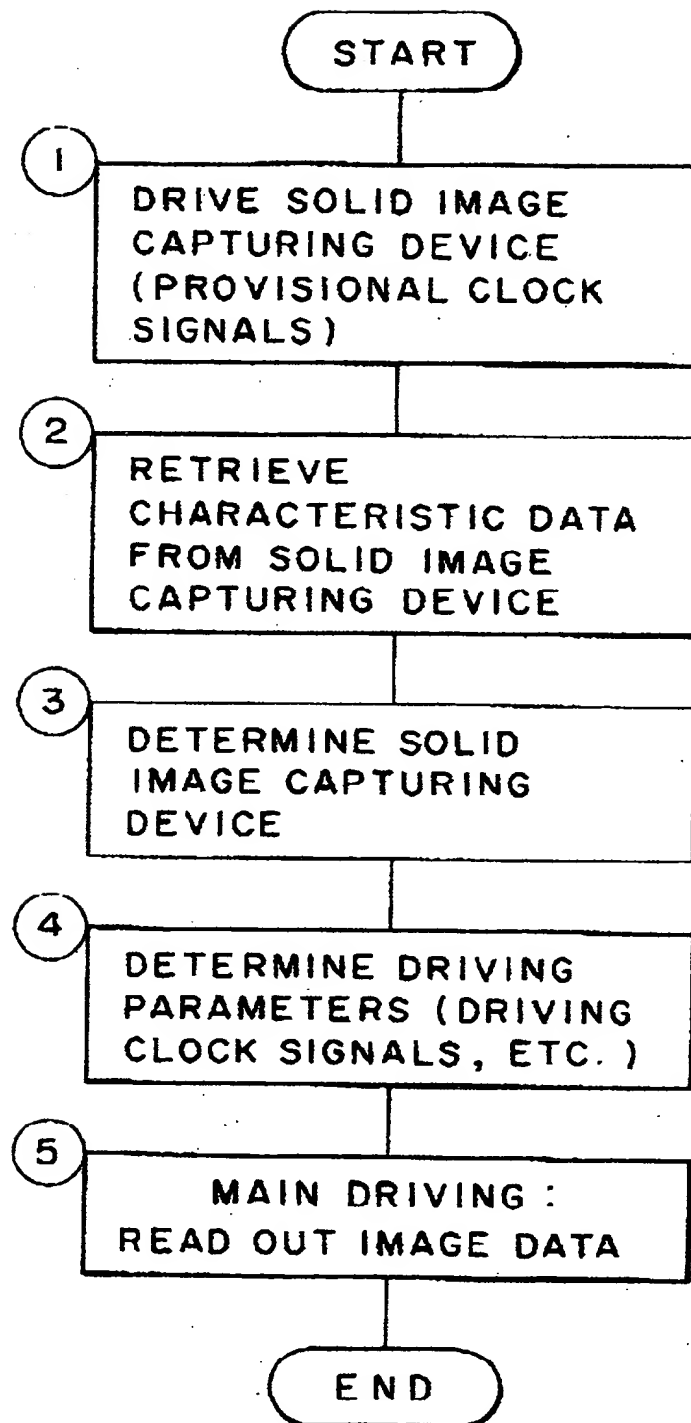


FIG. 4



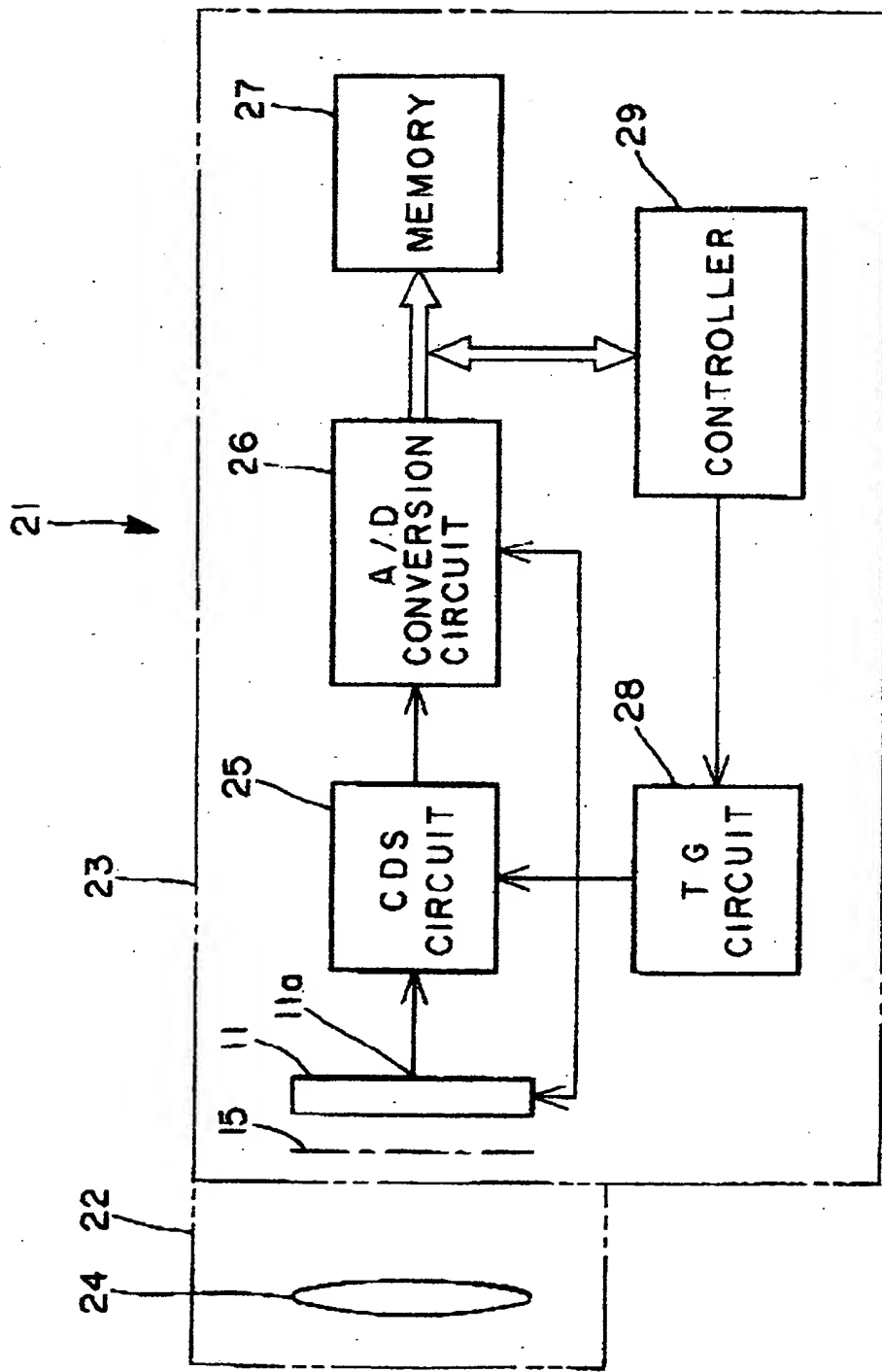


FIG. 6

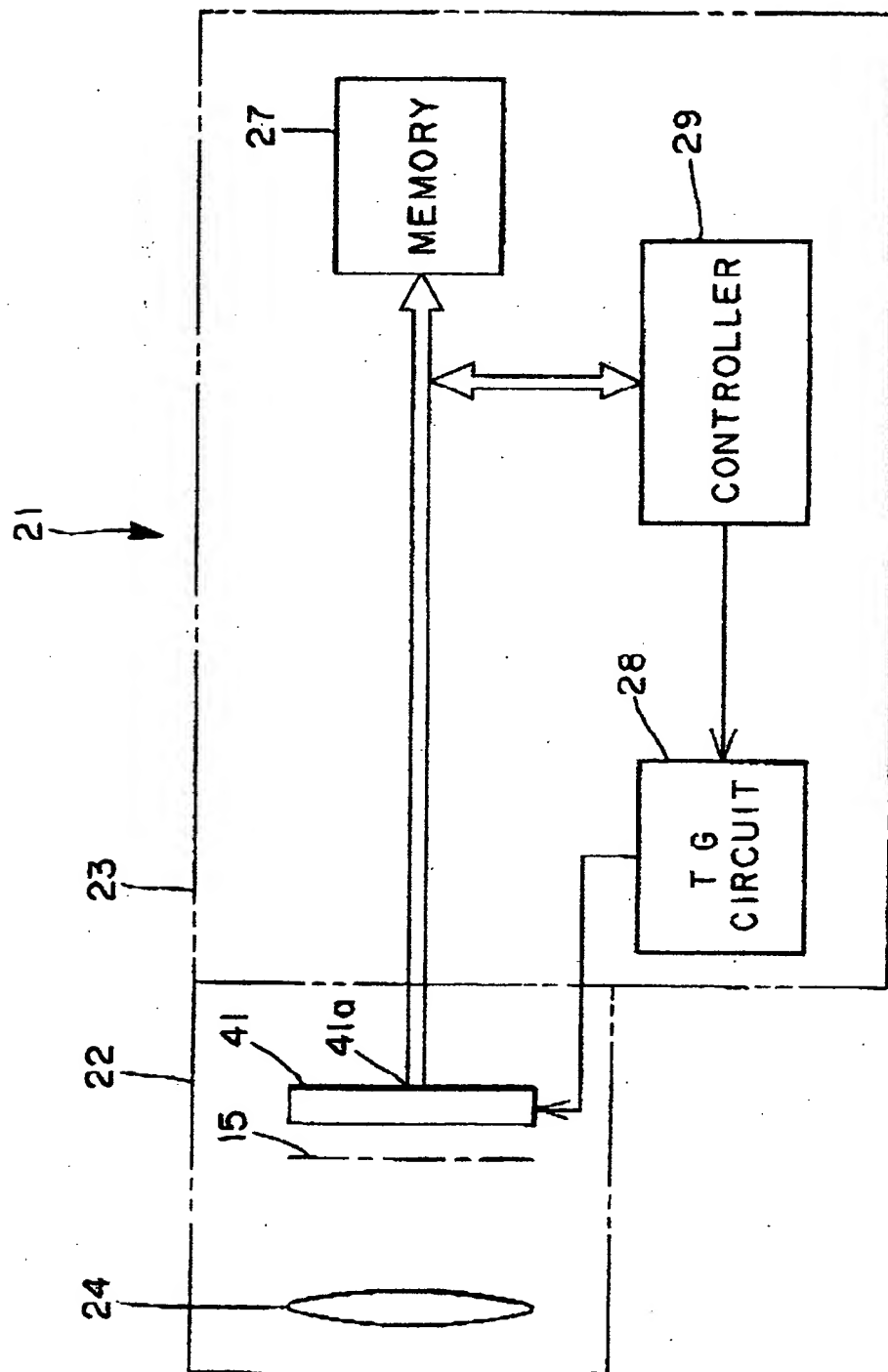


FIG. 7

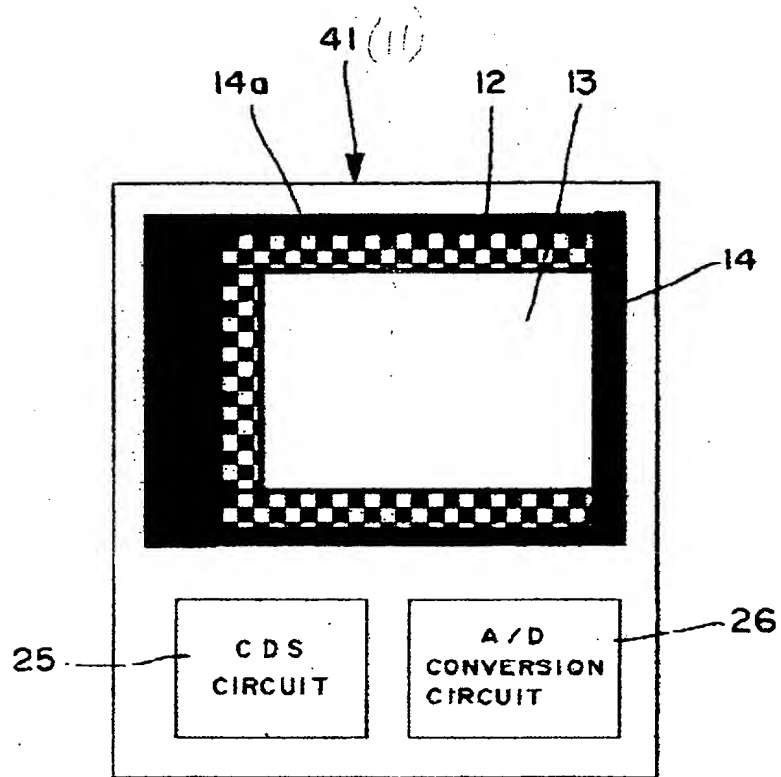


FIG. 8



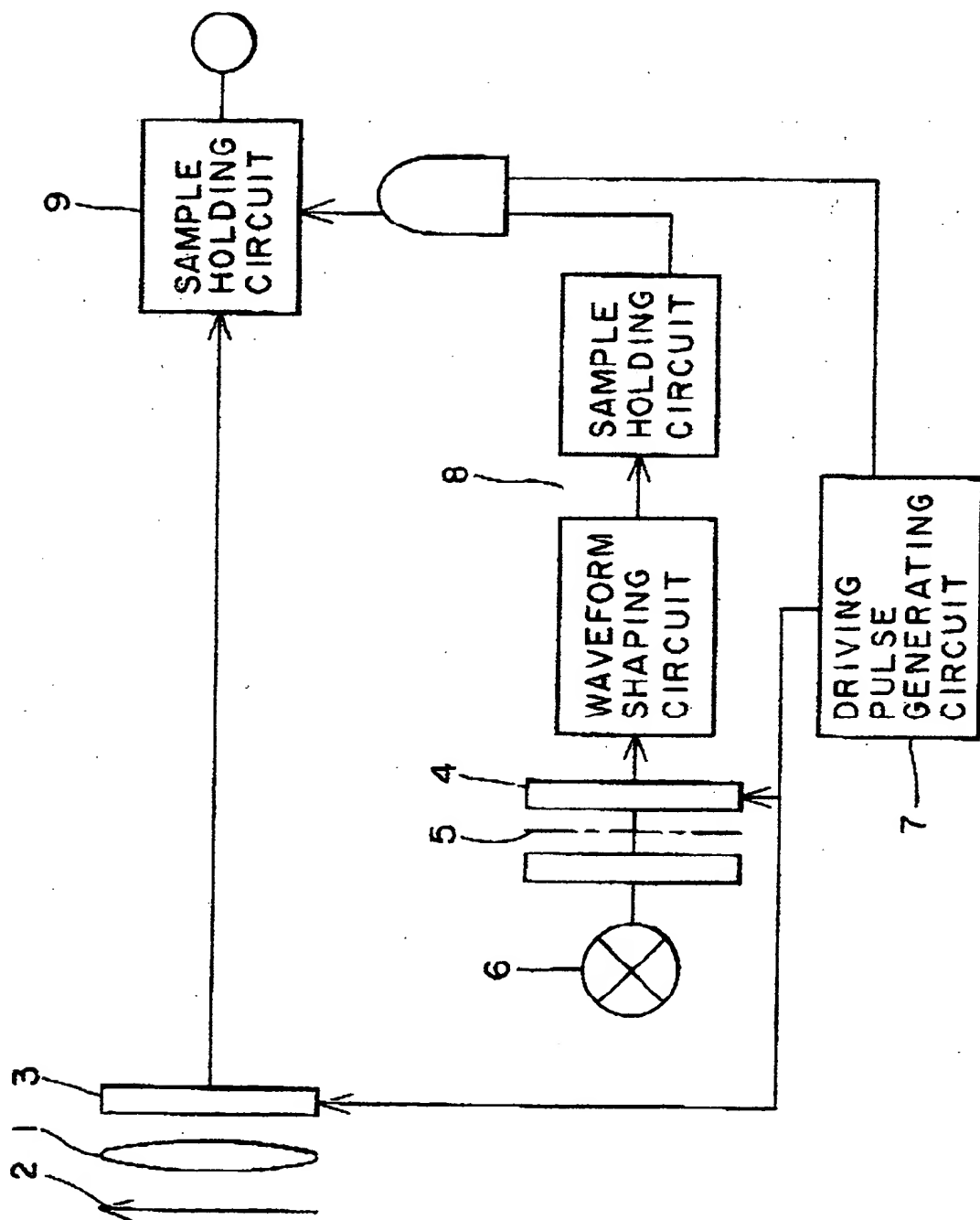


FIG. 9

WAVEFORM  
REPRESENTING  
OUTPUT FROM CCD



FIG. 10a

OUTPUT FROM CCD  
MEMORY



FIG. 10b